

Application/Control Number : 10/808,555
Art Unit: 3764
May 12, 2005
Page 3

Claim Amendments:

Cancel claims 8 and 12, and rewrite claims 1, 2, 3, 9, 10, and 11, as follows:

1. (currently amended) A treadmill for performing physical exercise having simplified actuation means, comprising, on a supporting frame, a belt that winds continuously around a main roller and a free roller, actuation means being further provided for varying inclination of said supporting frame, said actuation means being driven by the winding motion of said belt produced by energy supplied by the a user,
said means for varying the inclination of the frame comprising motor means that are actuated by the winding motion of said belt, and hydraulic cylinder means connected to said supporting frame and controlled by said motor means for varying the inclination of said supporting frame.
2. (currently amended) The treadmill according to claim 1, wherein said supporting frame has opposite ends, said supporting frame is being pivoted to a base frame at one of said opposite ends thereof.
3. (currently amended) The treadmill according to claim 1, wherein said supporting frame has a low-friction surface ~~at an upper portion of~~ around which said belt rotates.
4. (original) The treadmill according to claim 3, wherein said low-friction surface is constituted by a plurality of rollers supported so that they can rotate freely on shafts connected to said supporting frame.
5. (original) The treadmill according to claim 4, wherein said rollers are substantially staggered.

Application/Control Number : 10/808,555
Art Unit: 3764
May 12, 2005
Page 4

6. (original) The treadmill according to claim 3, wherein said low-friction surface is constituted by a plurality of long rollers arranged side by side.

7. (original) The treadmill according to claim 1, further comprising, at said main roller, flywheels that are keyed to a rotation shaft of said main roller.

8. canceled.

9. (currently amended) The treadmill according to claim 8, wherein said motor means comprise a hydraulic pump that is connected, by means of a belt, to a pulley-like portion that is formed on one of said flywheels, said belt winding around a driven pulley that is keyed to the a shaft of said pump.

10. (currently amended) The treadmill according to claim 9, ~~further comprising wherein said hydraulic cylinder means comprise~~ hydraulic cylinders that are connected to said pump with a distribution unit interposed, said hydraulic cylinders being pivoted to said supporting frame so that they can oscillate about an axis that is substantially parallel to the axis of said main roller, the pistons of said cylinders being pivoted to said base frame.

11. (currently amended) The treadmill according to claim 10, wherein said distribution unit is adapted to adjust ~~the a~~ flow of oil delivered by said pump in order to ~~route it toward the discharge the oil~~ during normal use and to send ~~it the oil~~ to said lifting cylinders in order to vary the inclination.

12. canceled.

13. (original) The treadmill according to claim 10, comprising removable pins for connecting said pistons to said base frame in order to fold said treadmill.